

CLAIMS

What is claimed is:

*INSAI*

1. A communications network resource usage control system,  
comprising:

5        one or more servers in the communications network to execute  
supplementary communications service requests;

          a monitoring unit connected to each of said one or more servers  
to receive and decode supplementary service information for the  
supplementary communications service being requested; and

10      a control program responsive to said monitor to select which of  
said one or more servers will execute said communications services.

*F*

2. The system as recited in claim 1, wherein said supplementary  
communications services include redirection services.

3. The system as recited in claim 2, wherein said redirection  
15     services includes call forwarding.

4. The system as recited in claim 2, wherein said redirection  
services include call transfer.

*INSAI*

5. A communications network resource usage optimization  
system in an interconnected network system, comprising:

20      one or more servers in the interconnected network system  
adapted to execute supplementary communications service requests;

          a monitoring unit connected to each of said one or more servers  
to receive and decode supplementary service information for the  
supplementary communications services being requested; and

*Cont'*

*Wm*  
a control program responsive to said monitor decoding  
supplementary service information adapted to select which of said one or  
more servers will execute said communications services, said control  
program further enabling said optimization system only under  
5 predetermined conditions.

*F*  
6. The system as recited in claim 5, wherein said control  
program further includes means for disabling said optimization system  
under predetermined conditions.

*INSR3*  
7. The system as recited in claim 7, wherein said disabling  
10 means is responsive to a recall mechanism for failed service requests.

*F*  
8. The system as recited in claim 5, wherein said optimization  
system includes means for customizing one or more operating parameters  
of said optimization system.

*INSR4*  
9. A method for controlling communications network resource  
15 usage in a communications network, comprising:  
executing supplementary communications service requests;  
receiving and decoding supplementary service information for  
said supplementary communications service being requested; and  
selecting which of said one or more servers will execute said  
20 communications services.

*F*  
10. The method of claim 9, further including the step of  
enabling said selecting step under predetermined conditions.

11. The method of claim 9, further including the step of  
disabling said selecting step under predetermined conditions.

*F*  
12. The method of claim 9, further including the step of  
customizing one or more operating parameters of the communications  
controlling method.